





**ALLIAGE ALUMINIUM-SILICIUM-MAGNESIUM POUR CARROSSERIE  
AUTOMOBILE**

**Patent number:** FR2748035  
**Publication date:** 1997-10-31  
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**Classification:**  
- **international:** C22C21/02; C22F1/043  
- **european:** C22C21/02; C22C21/14; C22C21/16; C22F1/043;  
C22F1/057  
**Application number:** FR19960005595 19960429  
**Priority number(s):** FR19960005595 19960429

**Also published as:**

 WO9741272 (A1)  
 EP0896637 (A1)  
 EP0896637 (B2)  
 EP0896637 (B1)

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**Abstract of FR2748035**

The invention discloses an aluminium alloy, to be used particularly in the manufacture of the external parts of a motor vehicle body, of the following composition (wt.%): Si: 0.5-0.8, Mg 0.45-0.65, Cu: 0.55-0.75, Mn and/or Cr: 0.1-0.3 with  $1.6 < \text{Si} + \text{Mg} + \text{Cu} < 2.0$ . The composition of the invention provides high mechanical strength following an easy solution-treatment step and paint curing at 150 to 170 DEG C.

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